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Index*



1950

E. James'

Rose and Fruit Tree Book

Six Finest Modern

Pictured on the cover

PEACE. (Plant Pat. 591.) Called "the best new rose in a decade", and well deserves it. Yellow buds with cerise edges open to luscious flowers of alabaster-white edged pink. Beautiful foliage. All America winner in 1946. \$2.00.



ECLIPSE \$1.50

ECLIPSE. (Plant Pat. 172.) A dependable and beautiful yellow rose in all localities. Vigorous plants produce an almost continuous display of flowers. Good, clean foliage and sleek streamlined buds make Eclipse one of the most popular roses for cutting. \$1.50.



SHOW GIRL \$1.50

SHOW GIRL. (Plant Pat. 646.) Long, deep pink buds are ideal for cutting. The vigorous plants produce long stems and excellent foliage under a variety of conditions. You will enjoy the lasting quality and beauty of Show Girl in your garden. \$1.50.

MODERN ROSE COLLECTION

The six roses pictured and described here are the top-ranking varieties of recent introduction adapted to this area. Collection includes:

Charlotte Armstrong Show Girl
Eclipse Grand Duchess Charlotte
Mme. Henri Guillot Peace

All Six for \$8.00

(\$9.50 Value)

Roses



MME. HENRI GUILLOT \$1.50

MME. HENRI GUILLOT. (Plant Pat. 337.) The favorite modern pink rose in gardens all over the West. Rich, satiny raspberry-pink blooms are delightful in the garden and for cutting. Thick glossy foliage clothes the vigorous plants from head to toe. Generous with flowers. \$1.50.

GRAND DUCHESS CHARLOTTE. (Plant Pat. 774.) The chestnut buds are delightful in form. Rich tomato-red blooms open from the tapering buds. You will like the good size, fragrance and lasting qualities of this excellent rose. Strong bushy plants with long stems have an abundant supply of disease-resisting foliage. \$1.50.

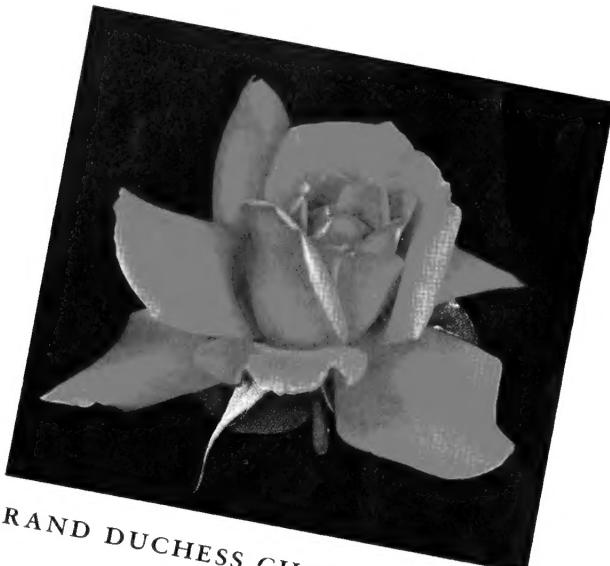
CHARLOTTE ARMSTRONG. (Plant Pat. 455.) This gorgeous rose has won every major award for a new introduction. You will thrill to the sight of the carmine-red buds and the beautiful open blooms of rich cerise. Vigorous and productive, an ideal plant for cutflowers. \$1.50.



CHARLOTTE ARMSTRONG \$1.50

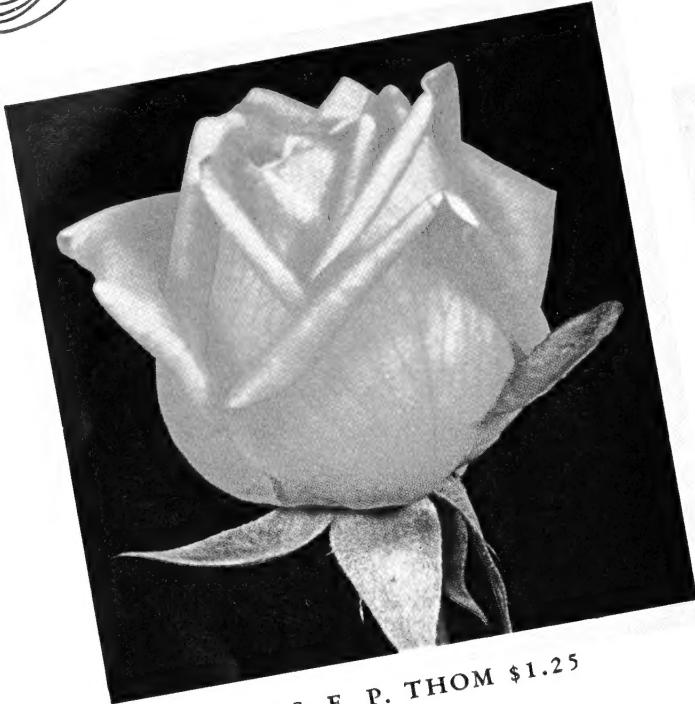
QUANTITY RATES

Twelve roses or more (not to include collections) take a quantity discount of 10% from catalog prices. Our roses are postpaid in California. Add sales tax.

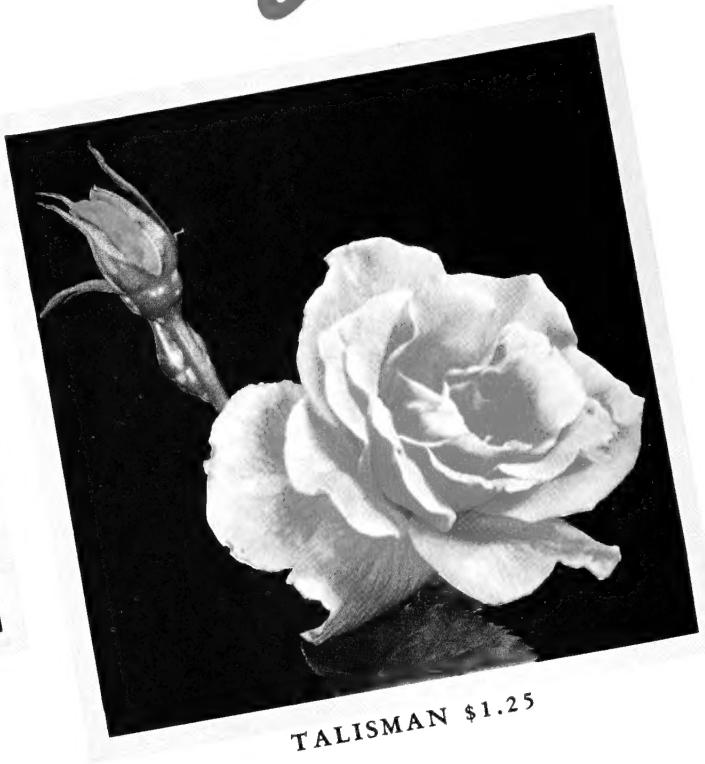


GRAND DUCHESS CHARLOTTE \$1.50

E. James' Six California



MRS. E. P. THOM \$1.25



TALISMAN \$1.25



ETOILE DE HOLLANDE \$1.25

MRS. E. P. THOM. Not new, but one of the finest yellow roses for California gardens. Good clean foliage and vigorous habit. Long pointed buds unfold to rich canary-yellow flowers, generous in size and fragrant. Long stems are ideal for cutting. \$1.25.

AUTUMN. The beautiful flame tints of this rose suggested its name. The large ovoid buds open to fully double cup-shaped blooms of burnt-orange streaked with red. Foliage dark glossy green. You will like the free-blooming habit of this fine rose and its fragrance. \$1.25.

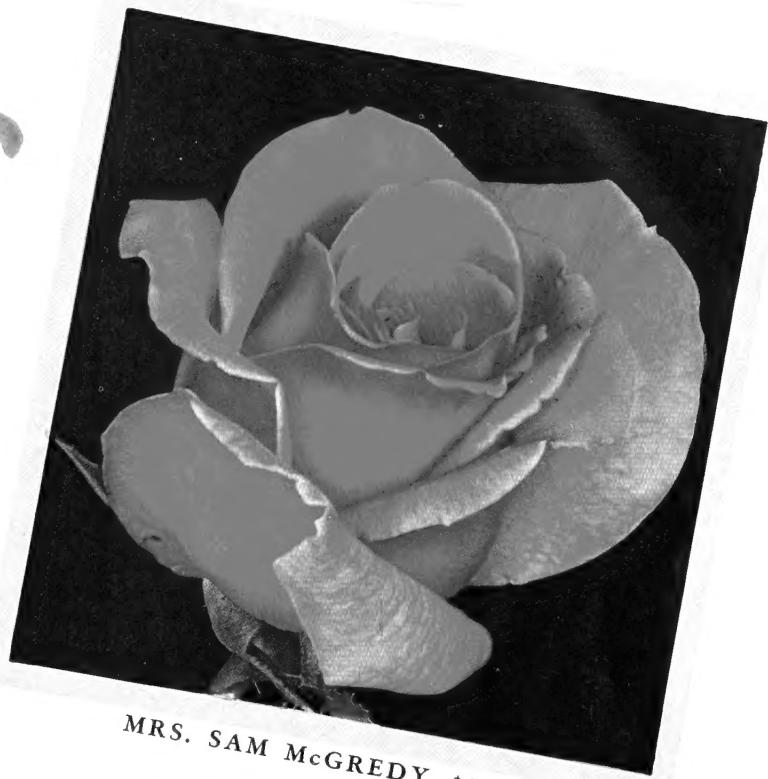
TALISMAN. A sensation in the rose world when first discovered and still a popular variety everywhere. Long pointed buds open to fully double high-centered flowers of gold, apricot, pink and carmine. Good foliage, strong habit, fragrant and profuse blooming. \$1.25.

ETOILE DE HOLLANDE. A standard for comparison among red roses. Buds and flowers are rich bright red with a heavenly fragrance and unusual lasting quality. Has a strong upright habit of growth and good dark green, disease-resisting foliage. More blooms per season and more fully double than most red roses. \$1.25.

Favorite Roses



AUTUMN \$1.25



MRS. SAM McGREDY \$1.25

MRS. SAM McGREDY. Large, very double flowers unfold from high-centered buds. A beautiful combination of copper, orange and pink that finds a delightful setting in any home. You will like the glossy reddish-bronze new foliage and the robust growth producing fine stems for cutting. \$1.25.

PICTURE. The most dependable clear rose-pink in the garden. Beautiful buds and high-centered blooms with gracefully reflexed petals are unfailing through the season. Plants are compact, with light green foliage. Picture is a "must have" in every rose garden. \$1.25.

CALIFORNIA FAVORITES COLLECTION

A splendid foundation for new rose gardens and highly recommended for any rose garden. Plant two or three collections for a generous supply of blooms all summer.

Autumn Etoile de Hollande
Mrs. E. P. Thom Mrs. Sam McGredy
Picture Talisman
All Six for \$6.00
(\$7.50 Value)



PICTURE \$1.25

Selected Roses for Western

GENERAL LIST OF BUSH ROSES

APPLAUSE. (Plant Pat. 829.) Dazzling light red in the bud, slightly lighter when the many-petaled blooms unfold. Free-flowering, vigorous in growth, pleasantly fragrant. \$2.00.

CAPISTRANO. (P.P.A.F.) An All America Rose selection for 1950. Large buds and flowers with rich fragrance. A deep shade of glowing rose pink. Exceptionally vigorous, good foliage. \$2.50.

CECILE BRUNNER. Prized for its dainty pink buds and tiny open flowers. \$1.25.

CHRISTOPHER STONE. Vivid scarlet flowers are overlaid with velvety crimson. Delicious damask fragrance. \$1.25.

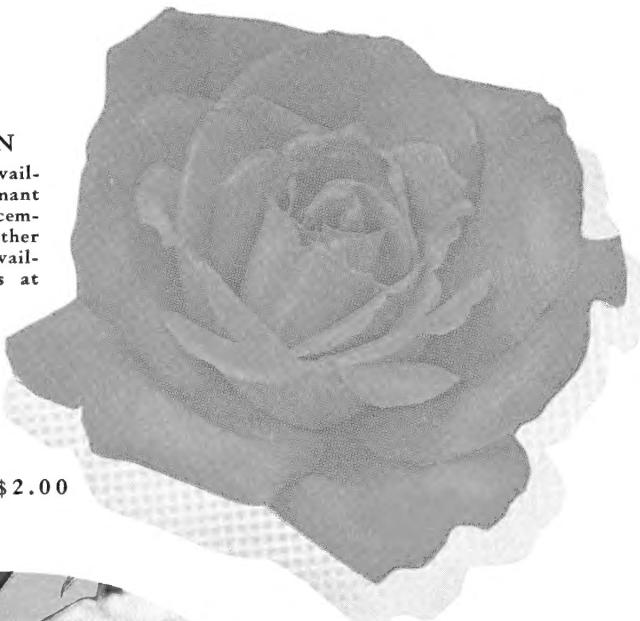
DIAMOND JUBILEE. (Plant Pat. 824.) Warm, glowing buff-orange; base of petals touched with orange-yellow. Huge flowers on sturdy stems, rich green foliage, old rose fragrance. All America selection for 1948. \$2.00.

DUQUESA DE PENARANDA. Good in bud and open flower. Buds orange; open blooms golden peach. \$1.25.

FANDANGO. (P.P.A.F.) A new rose for 1950. Ovoid buds are turkey-red with a yellow base. Semi-double open blooms are cherry red, changing to rose-madder. Vigorous plants produce a quantity of large blooms through the season. Glossy leathery foliage. \$2.00.

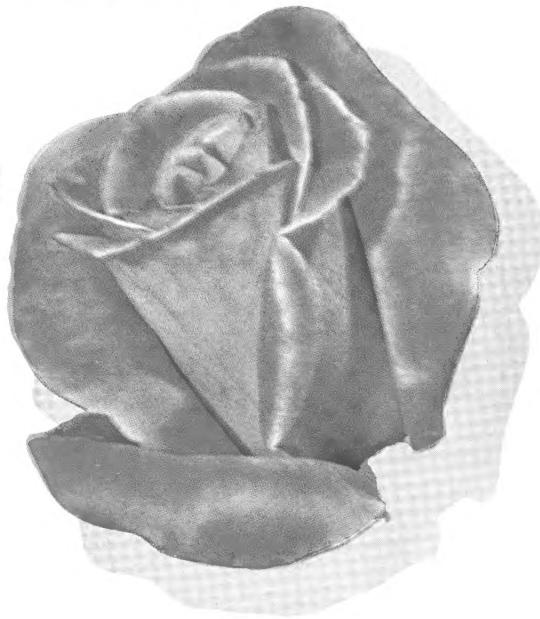
PLANTING SEASON

Roses and Fruit Trees are available for planting from dormant bare root stock from late December to mid-March. In any other season most varieties are available growing in containers at slightly higher prices.



SAN LUIS REY \$2.00

TAFFETA \$1.50



FASHION \$2.00

FLORIBUNDA ROSES

Floribunda roses combine the large flowers and desirable foliage of the hybrid teas with the generous clusters of blooms of the polyanthas. Plant these varieties for a good color range and lots of blooms from spring to fall:

FASHION. (Plant Pat. 789.) An All America Rose selection for 1950. Fashion features an entirely new color in Floribundas. Bright coral peach buds open to coral blooms suffused with gold, showing yellow stamens. Petals are waved, flowers large — to 3½ inches. Vigorous plants are clothed with glossy foliage. Fine old rose fragrance. \$2.00.

GOLDILOCKS. (Plant Pat. 672.) Rich golden yellow buds and flowers. Vigorous compact growth. \$1.50.

PINKIE. (Plant Pat. 712.) An "All America" selection for 1948. Perfect in form, spicy-fragrant. Delightful pink blooms cover the attractive plant almost continuously. \$1.50.

PINOCCHIO. (Plant Pat. 484.) Rich salmon buds are flushed gold at base; open flowers change to soft pink. \$1.50.

SNOWBIRD. Covered with white flower clusters during most of the season. Not a true Floribunda but similar in flower and growth habit. \$1.25.

Gardens

FORTY-NINER. (Plant Pat. 792.) The most brilliant bi-colored rose introduced in recent years. Outer side of the petals is rich chrome yellow, sometimes overlaid with pink, changing to straw yellow in the open blooms. Inside of petals is vivid oriental red, changing to cherry red with age. Long pointed buds and well-shaped flowers with mild fragrance. Plants vigorous; good clean foliage. \$2.00.

FRED EDMUND'S. (Plant Pat. 731.) An "All America" sectional winner for the Pacific Coast. Burnt-orange buds open to reddish-apricot blooms. Perfect foliage, vigorous. \$1.50.

HINRICH GAEDE. Well-formed rust-red buds open to double rose-pink blooms with brilliant orange tones. \$1.25.

FORTY-NINER \$2.00



LADY FORTEVIOT. Vigorous, free-blooming rose with reddish-gold and apricot tones. \$1.25.

LOWELL THOMAS. (Plant Pat. 595.) An "All America" yellow rose. Long, tightly furled golden-yellow buds open to many-petaled lighter yellow flowers. Clean foliage, free-flowering and vigorous. \$1.50.

MARK SULLIVAN. (Plant Pat. 599.) Brilliant large flowers of yellow flushed and veined with Tyrian rose. Fine glossy, leathery foliage; vigorous. \$1.50.

McGREDY'S IVORY. Immense white blooms open from warm ivory buds. \$1.25.

MISSION BELLS. (P.P.A.F.) An All America Rose selection for 1950. Long pointed buds on long stems produced by a robust plant. Deep salmon pink passing to clear shrimp pink. Coppery-green foliage. \$2.50.

MRS. P. S. DUPONT. Reddish-golden buds open to well-formed fragrant flowers of deep gold. \$1.25.

NOCTURNE. (Plant Pat. 713.) Bright cardinal red with streamlined buds. Richly textured large petals in abundance; vigorous in growth, pleasantly fragrant. An All America rose for 1948. \$1.50.

PRESIDENT HERBERT HOOVER. Vigorous plants produce dazzling blooms of apricot and rose-red. \$1.25.

Bush Roses, continued next page



SAN FERNANDO \$2.00



APPLAUSE \$2.00

WESTERN GARDENS COLLECTION

*Five roses developed in the West for western gardens.
Enjoy them in your own garden at our special group
price:*

San Luis Rey	Taffeta
Forty-Niner	Applause
San Fernando	
All Five for \$8.00	
(\$9.50 Value)	





E. James'

ROSES MAKE THE PERFECT GIFT

A Gift That Grows!

In any season and for every occasion, Roses make the perfect gift to any garden owner. The rose fancier will enjoy a gift of modern rose selections to add to his prize collection, or to replace obsolete varieties. The new home owner will enjoy one or more of our carefully chosen collections, every one a good foundation for a permanent rose garden. Climbing and tree roses are just the gift to make an ordinary garden sing with color.

Our convenient **MERCHANDISE ORDERS** and a copy of this catalog permit easy selection of roses of the recipient's own choice.



CLG. HINRICH GAEDE \$1.50

BUSH ROSES, continued

SAN FERNANDO. (P.P.A.F.) All America selection for 1948. Scarlet buds open to many-petaled blooms of glowing currant red. Good dark leathery foliage; vigorous growth. Heavily perfumed. \$2.00.

SAN GABRIEL. (P.P.A.F.) Glowing salmon buds overlaid tangerine and fiery red. Open petals reveal saffron yellow tint at base. \$2.00.

SAN LUIS REY. (P.P.A.F.) Splendid new yellow rose. Pointed guinea-gold buds open to satiny flowers with rich cadmium yellow base. \$2.00.

SUTTER'S GOLD (P.P.A.F.) All America Rose selection for 1950. A fine new yellow rose. The exquisite long pointed buds are bright yellow, richly shaded with orange and red. Open flowers are beautiful in form and richly fragrant. \$2.50.

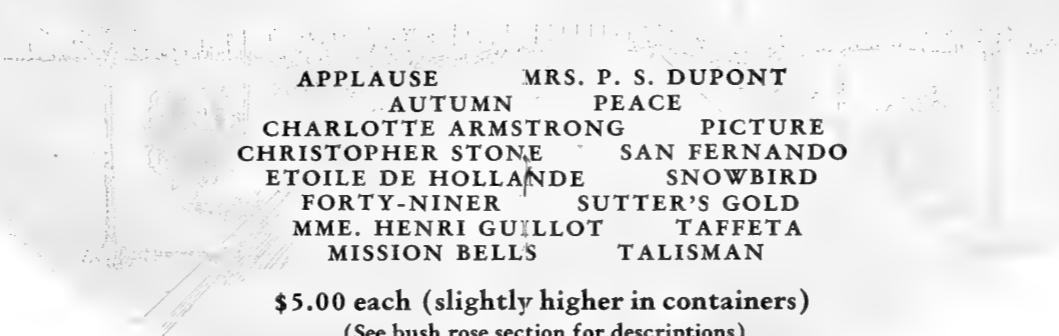
TAFFETA. (Plant Pat. 716.) A rose of many colors on vigorous upright plants. Color varies with the seasons: rose-pink, salmon-pink or apricot, usually carmine-red in bud. Fragrant. All America selection for 1948. \$1.50.

TALLYHO. (Plant Pat. 828.) A refreshing new color in roses. Plump, ovoid buds open to beautifully formed flowers, with spicy fragrance. Inside of petals colored a delightful shade of rose pink, while outer side of petals is tinted crimson to cardinal red. Plants unusually strong and vigorous, making long strong stems for cutting. Good foliage. \$2.00.

TEXAS CENTENNIAL. (Plant Pat. 162.) Long brick-red buds open to large deep rose-pink flowers with touches of gold at base of petal. \$1.50.

THE DOCTOR. Large buds and flowers of perfect form; deep glowing pink. One of our best pinks. \$1.25.

TREE ROSES FOR GARDEN CHARACTER



\$5.00 each (slightly higher in containers)

(See bush rose section for descriptions)

SIMPLE RULES FOR SUCCESS WITH ROSES

PLANTING. Unwrap the roses soon as received. If the roots are dry, plunge entire plant in a bucket of water overnight. If moist, dampen packing material and carefully re-wrap. Keep moist and cool until planting time. While digging holes to receive the roses, keep them in a bucket of water (Fig. 1). Dig spacious holes, mounding soil in center. Place the roots over the mound and set the bud union at ground level (Fig. 1), and fill in with top-soil (Fig. 2). Soak with a slow stream of water and fill in with additional soil as required.

Construct a ridge around the plants for future irrigation.

PRUNING. Figures 1 & 2 show a rose correctly pruned at time of planting. Note that cuts are made just above an *outside* bud. Figure 3 shows a rose after one season's growth. Shaded portions indicate parts of plants to be removed. Keep the plants open in the center. Don't prune too early; January is a good time.

SPRAYING. A good, all-purpose spray for roses consists of a combination pyrethrum-rotenone insecticide (containing a light oil for

spreading) and a fungicide containing copper. This combination controls *aphis* and mildew, the rose's worst enemies. Begin spraying in early spring and repeat each week as long as necessary.

FERTILIZING. Use a balanced commercial fertilizer, about one heaping trowelful applied in the basin around the plant. Soak soil first, then apply fertilizer, then soak again. Begin fertilizing in late spring and repeat monthly until September. A mulch of well-rotted manure in the dormant season is good. Don't spade near roses; this disturbs shallow roots.

Climbing Roses

CECILE BRUNNER. Dainty pink buds and flowers borne all through the season. \$1.25.

CECILE BRUNNER YELLOW. Tiny yellow buds and graceful miniature blooms in clusters. \$1.25.

CHRISTOPHER STONE. (Plant Pat. No. 626.) A strong grower and abundant bloomer. Vivid scarlet fragrant flowers. \$1.50.

ETOILE DE HOLLANDE. Flowers as gorgeous as the bush rose form, and more of them. \$1.25.

HIGH NOON. (Plant Pat. 704.) Intense clear yellow "pillar" rose of perfect form. Free blooming. All America Selection for 1948. \$2.00.

HINRICH GAEDE (Plant Pat. 244.) Rust-red buds and rose-pink blooms with brilliant orange tones. \$1.50.

MME. HENRI GUILLOT. (Plant Pat. 788.) Orange red buds open to rich raspberry pink blooms. \$1.50.

MRS. E. P. THOM. Perfect buds of rich yellow followed by large open blooms on long stems. \$1.25.

HIGH NOON \$2.00

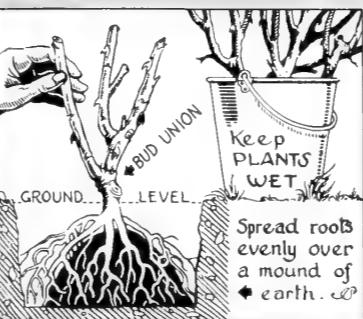


FIGURE 1



FIGURE 2

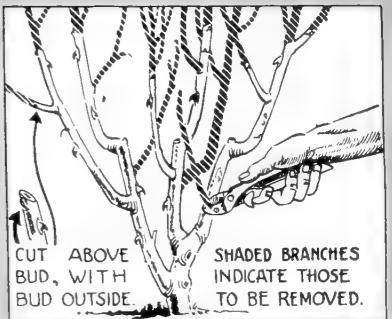


FIGURE 3



Gladiolus

12 for 95c, 100 for \$6.75

ALGONQUIN. Brilliant glowing scarlet. Ruffled blooms on a tall spike.

BLUE BEAUTY. Tall light blue with petal margins overlaid violet blue.

CANDY HEART. Flesh pink with large blotch of light carmine. Medium spikes.

ETHEL CAVE COLE. Light pink shading to cream at the throat. Medium spikes.

LADY JANE. Clear deep cream with yellow lip petals. Tall sturdy spikes.

PICARDY. An old favorite. Light salmon pink flowers well placed on long spikes.

RED CHARM. A very popular medium red. Tall spikes with fine large flowers.

ROSA VAN LIMA. Light rose pink with a touch of lavender at the throat.

SILENTIUM. A fine white gladiolus with an orange-red blotch in the throat.

VALERIA. An unusual shade of light scarlet. An excellent cut flower and good grower.

12 for \$1.50, 100 for \$10.00

ATHLONE. Clear warm flesh. Dainty flowers arranged formally on long spikes.

BURMA. Very deep ruffled rose, a little lighter on the upper throat and shading darker on the lip.

DIEPPE. Deep salmon red with a deeper blotch. Slender spikes, ruffled florets.

SILVER WINGS. A beautiful creamy white sport of Picardy. Petals slightly ruffled.

MIXED. Hand selected assortment of the finest varieties. 12 for 65c, 100 for \$4.50.

Tuberous Begonias

Prices for Camellia-flowered: 1 1/4-1 1/2" bulbs, 25c each, 3 for 70c, 12 for \$2.50; 2-2 1/2" bulbs, 45c each, 3 for \$1.25, 12 for \$4.50.

CAMELLIA-FLOWERED. Large double flowers exquisitely formed. Colors available are: Pink, white, yellow, orange and red. Same color choice in carnation and Lloydii (see below).

Prices for varieties below: 1 1/2-2" bulbs, 35c each, 3 for 95c, 12 for \$3.50.

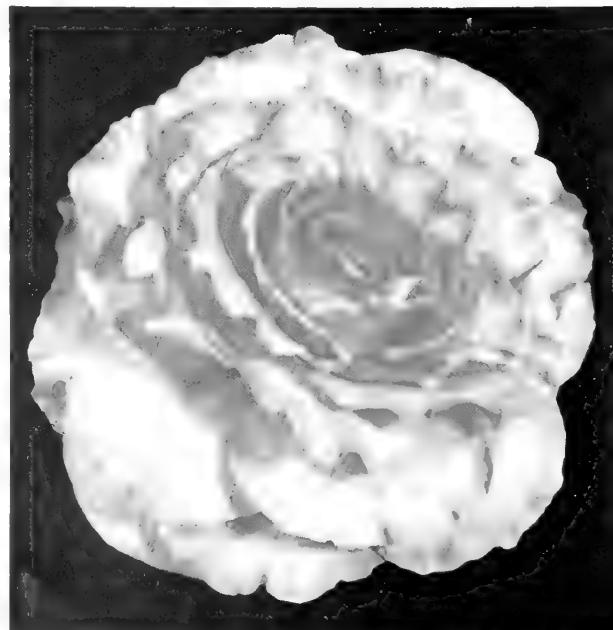
CARNATION - FLOWERED. Fimbriata. Double flowers resemble carnations, delightfully ruffled with margins fimbriated.

LLOYDI. Double flowers on trailing stems for hanging baskets.

MULTIFLORA. Large numbers of small flowers in mixed colors. Unsurpassed for pots and borders.

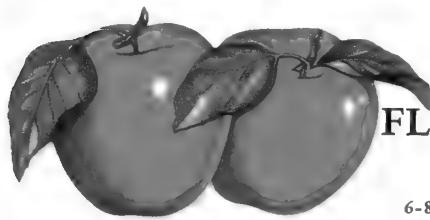
PICOTEE. Mixed colors of double flowers, each shaded a complementary hue at the margin.

ROSEBUD. Mixed double flowers resembling huge rosebuds.



CAMELLIA TYPE TUBEROUS BEGONIA

Home Orchard Fruit Trees



FLAVOR-FULL APPLES

6-8' Trees: \$1.50 each

GRAVENSTEIN. The best late summer all-purpose apple. Medium to large size fruits with yellow skin, striped red; firm white flesh.

JONATHAN. Most popular early fall apple. Size medium to large, shape rounded, with good solid red color, when ripe. Flesh crisp and juicy.

RED DELICIOUS. Fruits large and tapering, excellent all-red color. Flesh tender and very juicy. Ripens in the middle of the apple season.

RED JUNE. A fine red dessert apple for summer eating. Flesh white, firm and juicy. July.

YELLOW BELLFLOWER. The best cooking apple for summer. Fruits are large to very large, with a distinct aroma and flavor that persists through cooking.

YELLOW DELICIOUS. Fruits shaped like Red Delicious and of equal size, but skin is solid yellow. Flesh tender and juicy and flavor sharper than Red Delicious. Ripens somewhat later.

YELLOW NEWTON PIPPIN. Very late and very useful. Keeps well, cooks well and makes an excellent eating apple when picked before fully ripe. Fruits medium large, rounded; flesh white and flavor sharp.

CRABAPPLE

RED SIBERIAN. Colorful with pinkish-white blooms in spring, followed by masses of small red fruits in early summer. Makes excellent jams, jellies and pickled preserves.

CLING PEACHES

6-8' Trees: \$1.50 each

PALORA. Large round fruits have firm yellow flesh and small pit. Ideal for canning; good crops.

STRAWBERRY CLING. Finest of the white-fleshed clings for the home orchard. Skin blushed and striped red, flesh white, red at the pit. Trees are good producers of large fruits. Ripens in late summer.



COMBINATION TREES

Ideal for gardens where space does not permit planting a complete range of varieties. These are 3-year-old trees, a year older than the standard home orchard fruit tree:

COMBINATION APPLES,
PEARS, PLUMS

4 varieties on the same tree: \$5.50 each

FREESTONE PEACHES

6-8' Trees: \$1.50 each

EARLY CRAWFORD. Fruits are medium to large in size and the skin is attractively blushed. Flesh is firm, juicy and sweet, yellow, red at the pit. Ripens early July.

ELBERTA. More widely known than any other peach; good for eating fresh, canning and freezing. Skin of large fruits handsomely blushed; flesh firm, juicy and delicious, red at the pit. Ripens middle to late August.

J. H. HALE. Large in size and almost fuzzless skin. Flesh is deep yellow, red at pit, and very firm. Delicious flavor and good eating and canning qualities make this a favorite. Ripens after Elberta.

NECTAR. (Plant Pat. 86.) Large and luscious early white-fleshed freestone with smooth skin and delightful aroma. June-July. Add 20c royalty.

RIO OSO GEM. By far the finest yellow-fleshed freestone for the late season. Ripens after J. H. Hale. Very large fruits are handsome. Flesh is firm, sweet and juicy. Equally fine eating, canning and freezing. September. Add 10c royalty.

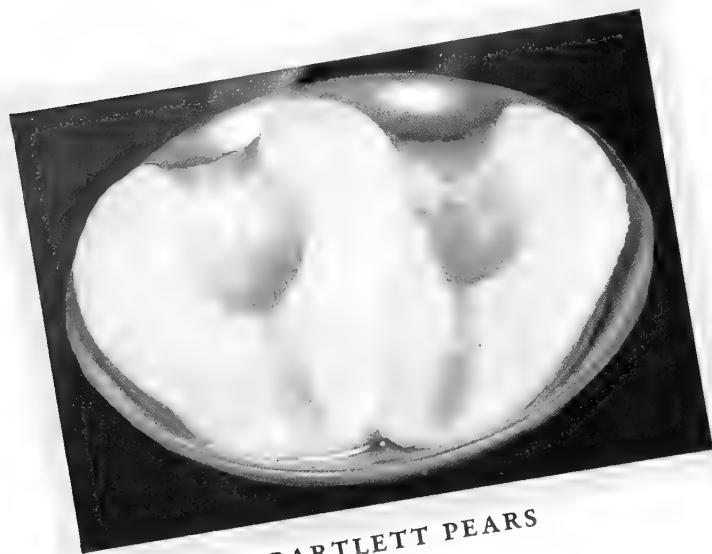
STRAWBERRY FREESTONE. White-fleshed freestone with delicious flavor. Flesh red at pit; skin blushed red. Size medium to large. Ripens before Elberta.

WESTERN PRIDE. The finest early yellow freestone for the home orchard. A greatly improved form of the famous Rochester peach, Western Pride is large in size, has firm yellow flesh of excellent flavor. A good early peach for slicing and home canning. Consistent, large crops under average conditions. \$1.75.

RIO OSO GEM



E. James' *Fruit Trees Grow*



BARTLETT PEARS

PLUMS

6-8' Trees: \$1.50 each

GREEN GAGE. Large fruits are round; greenish-yellow when ripe. Skin is tender; flesh is fine-grained, sweet and juicy. One of the finest plums for eating and home canning. Ripens July-August.

HOWARD MIRACLE PLUM. A new large plum of beautiful appearance and excellent flavor. Thin amber skin is overlaid with mahogany-red blush; amber flesh is fine-grained, sweet and juicy, with a flavor that defies description; very small pit. \$1.75 each.

SANTA ROSA. Most widely planted plum in California. Fruits are large in size and deep red when ripe. Flesh is fine-grained and juicy, with a sprightly tang; yellow when firm-ripe, deep red when fully ripe. Ripens in July.

SATSUMA. Popular variety for cooking and home canning. Fruits are large, round and dark red. Flesh is firm and blood-red and very juicy. Give your Satsuma tree plenty of room to grow; branches sweep outward and downward; are loaded with fruit in season.



HOW TO PLAN YOUR FAMILY ORCHARD

1. Lay out the position of the trees on a scale drawing of your lot. Spacing should be 18 to 25 feet for fruit trees; 35 to 50 feet for walnuts. Allow 15 feet between tree and property line.
2. Select varieties according to time of ripening so that crops will bear at intervals throughout the season. Write names in plot plan.
3. Order early to avoid disappointment.

NECTARINES

6-8' Trees: \$1.50 each

GOWER. A very good nectarine for the early July season. Large fruits have skin heavily blushed red. Flesh is white, red at the pit, freestone, and heavily flavored with the delicious nectarine tang.

STANWICK. The standard nectarine variety in California for commercial and home orchards. Fruits are large and handsomely blushed red. Flesh is white, red at pit, and entirely freestone. Delicious when canned whole or in halves. Ripens in August.

PEARS

6-8' Trees: \$1.50 each

BARTLETT. Every home orchard should include this variety for eating and preserving. Fruits medium to large with delicious tender flesh and yellow skin with pink blush.

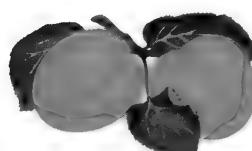
COMICE. The large, luscious late fall pear stored by commercial growers for Christmas shipping. Skin yellow, blushed russet-red; flesh firm and very juicy when fully ripe.

SECKEL. This is the small, very juicy pear so much in demand for preserving the whole, peeled fruits. Flavor distinct and enticing.

WINTER NELIS. Very late and a very good keeper when picked slightly on the green stage. Fruits medium-size and good quality.

APRICOTS

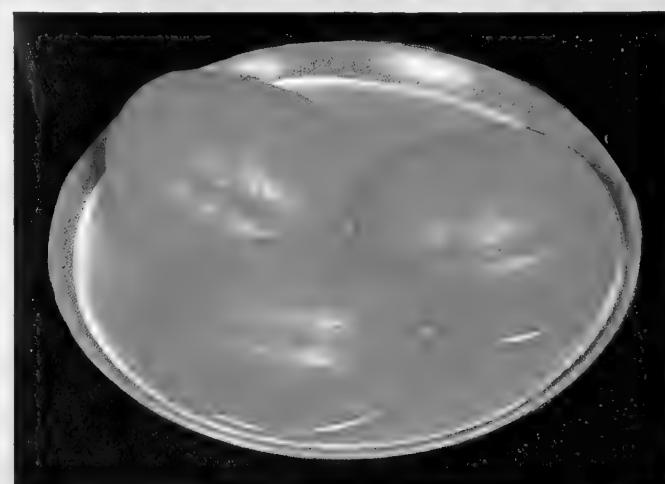
6-8' Trees: \$1.50 each



BLENHEIM. The leading California variety used for canning, shipping and drying. Fruits are medium to large, round in shape and attractive in appearance. Flesh is highly colored, pit is small, and quality very good. Trees robust growers and consistent producers. Ripens in mid-July.

MOORPARK. Many people consider this variety the finest-flavored and most delicious of all apricots. The fruits are extra large in size and ripen just ahead of Blenheim.

ROYAL. Very similar to Blenheim and some strains are thought to be identical. The true Royal, however, ripens a few days ahead of Blenheim and seems to do best near the coast where there are comparatively few days with low temperatures in winter. Strong trees are abundant producers.



BLENHEIM APRICOTS

Quickly... Produce Early

Our fruit trees are selected at the growing grounds for home orchard planting. They are chosen with an eye to exceptional size and vigor from thousands of trees grown for commercial orchard planting. The extra care they receive in the nursery is your assurance of exceptional performance with good treatment.

CHERRIES

6-8' Trees: \$1.50 each

BING. The leading black cherry and considered by many to be the best eating. Deep maroon fruits are large and heart-shaped. The flesh is firm and flavor sweet when fully ripe. Ripens in early June.

BLACK TARTARIAN. Ripens earlier than Bing and produces abundant crops of medium to small black fruits. Flesh is tender and has a very delicious flavor when fruits are picked fully ripe from your own tree. Bing and Royal Anne are more fruitful when planted with Black Tartarian.

ROYAL ANNE. The leading canning cherry because of its firm texture and tasty flavor. Trees grow quickly to large size and produce abundant crops of amber and red fruits. Ripens after Bing.

SOUR CHERRY

ENGLISH MORELLO. The leading sour, or pie cherry for the home orchard. Fruits are medium to dark red and medium sized.

PRUNES

6-8' Trees: \$1.50 each

FRENCH IMPROVED. The leading all-purpose prune in California. Small to medium-sized fruits are borne abundantly; dark blue in color. Amber flesh is fine-grained and juicy, with an excellent sweet flavor. Ripens in September.

SUGAR. Earlier and larger than the French prune. Oval fruits are dark purple in color and covered with a silver "bloom." Flesh is very sweet and juicy, making Sugar a very desirable variety for canning. Plant with French Improved for cross-pollination.

FIGS

5/8" Caliper: \$1.50 each

BROWN TURKEY. Very large, elongated fruits are purplish-brown and very good looking. Flesh is sweet, a rich strawberry-red. Trees have a wide spreading habit and produce abundant crops. A good variety in any section. Ripens in early summer.

KADOTA. The best home canning and preserving variety. Trees are small in stature and bear heavy crops of small to medium-sized greenish fruits with very sweet pink flesh. Ripens in midsummer.

MISSION. The traditional California variety introduced by the Padres and still a popular variety. Trees grow erect and spread with age and become very large, producing two distinct crops of medium to large figs. Shape is elongated; skin very dark purple, almost black, pink flesh very sweet and tasty.

ALMONDS

5/8" Caliper: \$1.50 each

NE PLUS ULTRA. Kernels of this variety considered to have the highest quality. Thin shells and meats are elongated and tapering. A good pollinator for Nonpareil.

NONPAREIL. The best known almond variety, and a good producer. Shells thin and easily cracked; meats plump and good eating. Plant with Ne Plus Ultra for ample crops.



ROYAL ANNE CHERRIES

WALNUTS

6-8' Trees. \$3.50 each

FRANQUETTE. The finest commercial and home orchard variety in Northern California. Tree grows upright, spreading with age, and when mature, produces large crops of high quality nuts.

PAYNE. A popular variety in most sections because of its earlier commercial production. Tree is low and spreading and seldom fails to produce a bumper crop, even when young. Quality good.



BROWN TURKEY FIG

Grow Your Own Delicious Berries!



THORNLESS BLACKBERRIES

GRAPEVINES CALIFORNIA VARIETIES

35c each, 12 for \$3.50

MUSCAT. Large white grape with unusual and delicious flavor. Mid-season.

RIBIER. Very large round black grape, almost seedless, excellent flavor. Late.

RISH BABA. The famous "Lady-finger" grape. Large, white, thin-skinned, sweet and juicy. Mid-season.

THOMPSON SEEDLESS. Small white tapered fruits, have thin skin and no seeds. Early.

TOKAY. The famous red, crisp-fleshed grape of the Lodi area. Large fruits. Mid-season.

AMERICAN VARIETIES

50c each, 12 for \$6.00

CONCORD. The best-known and most widely planted of all the "slip-skin" varieties. Black fruits have a distinctive flavor with universal appeal. Mid-season.

NOVELTY VARIETIES

\$1.00 each, 12 for \$10.00

CARDINAL. Large, early, dark red grape. New.

GOLDEN MUSCAT. Excellent variety for Coastal gardens. Rare and distinctive flavor.

HOW MANY TO PLANT?

For a family of four, we suggest the following minimum planting figures for the varieties described on this page:

Grapevines: one plant each of early, midseason and late varieties. Boysenberry, Blackberry, Loganberry: two plants of each. Raspberries: twelve red, six black. Strawberries: at least 50 plants. Currants, Gooseberries: three of each. Artichokes, Rhubarb: three of each. Asparagus: at least 50 plants.

50c each, 12 for \$5.00

CORY THORNLESS BLACKBERRY. Thornless sport of the Mammoth Blackberry. Large fruits in abundance.

THORNLESS BOYSENBERRY. Most popular of all vining berries, and the largest in size. Delicious black fruits borne in huge quantities on vigorous canes.

THORNLESS LOGANBERRY. A much-improved type, not only for quality and flavor, but the thornless canes make harvest a pleasure.

Thorny forms of the above varieties: 25c each, 12 for \$2.50

RASPBERRIES

25c each, 12 for \$2.50

WASHINGTON. Large deep red fruits with good flavor; good in any section.

CUMBERLAND BLACKCAP. The best variety of black raspberry for our climate. Vigorous, productive.

STRAWBERRIES

25 for \$1.50, 100 for \$5.00

BANNER IMPROVED. A beautiful deep red, large strawberry for the spring season. Best for our district.

GEM. An excellent everbearing strawberry with a long productive season. Good size and quality.

STREAMLINER. New large dark red everbearing variety. Plants are vigorous and productive from spring to fall. Sweet flavor. 25 for \$2.00, 100 for \$7.50.

CURRENTS AND GOOSEBERRIES

50c each, 12 for \$5.00

PERFECTION Currant. Bright red fruits borne profusely on sturdy plants.

OREGON CHAMPION GOOSEBERRY. Excellent quality and prolific. Plant in full sun in rich soil.

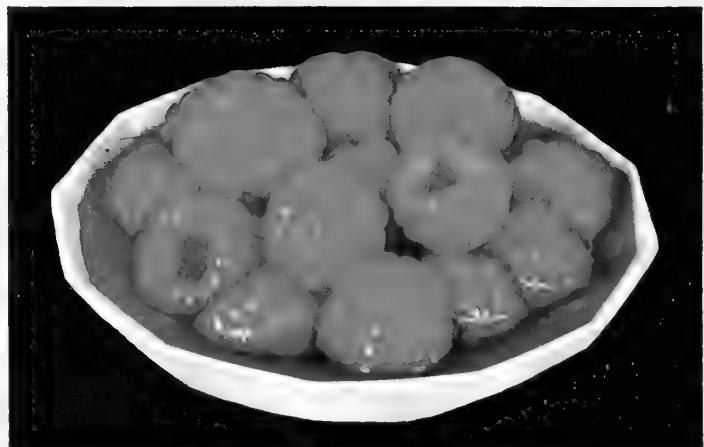
ARTICHOKE, RHUBARB & ASPARAGUS

35c each, 3 for \$1.00

GLOBE ARTICHOKE. The finest commercial and home garden variety. Large plump buds.

STRAWBERRY RHUBARB. Rose-pink stalks, tender and excellent in flavor when cooked.

ASPARAGUS MARY WASHINGTON. The leading home garden variety. Very productive, beginning second year. 12 for 60c, 100 for \$3.50.



WASHINGTON RASPBERRY

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HOUSE PLANTS . . . \$1.00 up.

CAMELLIAS . . . a score of varieties in our stock. \$2.00 to \$9.75.

ROSES . . . see our new catalog for pictures in color.

COLLECTIONS . . . \$6.00 & \$8.00.

DISH GARDENS . . . \$3.75 up.

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HOW TO PLANT AND GROW FRUIT TREES

DON'TS. Before setting out fruit trees, the home orchardist should be cautioned against practices that cause failure. *Do not* plant fruit trees in poorly drained soils. *Do not* use any manure or fertilizer in the tree holes. *Do not* plant when the soil is soggy or saturated. *Do not* fail to prune trees as recommended below.

PLANTING. See Figures 1 and 2. Dig holes more than large enough to accommodate the root system. Fill the bottom of the hole with topsoil and set the bud union exactly at ground level. Fill in with more topsoil, to which has been added peat moss if your soil is heavy. Irrigate at once with a slow stream of water in the basin constructed after planting. Add more soil as required.

PRUNING. At planting time, all trees should be cut back at 24 to 36 inches above the bud union. All of the side branches should be eliminated from apricots, plums and prunes. Two or three buds should be left on three or four well-spaced branches on peaches, nectarines and almonds (see Fig. 1). Apples, pears and cherries usually are whips with few or no side branches, but should there be any, cut them off.

Figure 3 shows the development of the average fruit tree after the first season's growth, and how it should be pruned. All varieties should be thinned out and cut back as indicated in the right-hand diagram except cherries, walnuts and figs, which should never be cut back, only thinned out. In general, the same plan for pruning is followed in succeeding years.

CULTURE. Irrigate about once each month during the dry season. A balanced commercial fertilizer can be applied after the trees have been planted about two months, at the rate of about $\frac{1}{2}$ pound per tree. Use a manure mulch in the basin during fall and winter.



HOW TO PLANT BERRIES

All varieties require planting in friable, rich soil. Use plenty of gypsum, peat and manure or compost in preparation to receive the plants. **STRAWBERRIES.** Trim off the roots straight across, halfway. Set the plants so that the crown is exactly level with the top of the ground. Pack soil firmly about roots and water. Planting distance: 12 to 18 inches.

BERRY VINES. These are supplied as rooted tips. Work up the soil thoroughly and plunge spade in planting position. Pull back on spade and insert plants so that roots will be well covered. Pack soil firmly and water. Plant 6 to 8 ft. apart.

RASPBERRIES. Supplied as rooted cuttings. Cut back to leave only three or four buds. Work up ground, plunge spade and insert with roots well covered. Firm soil about roots and water. Planting distance: about 2 feet.

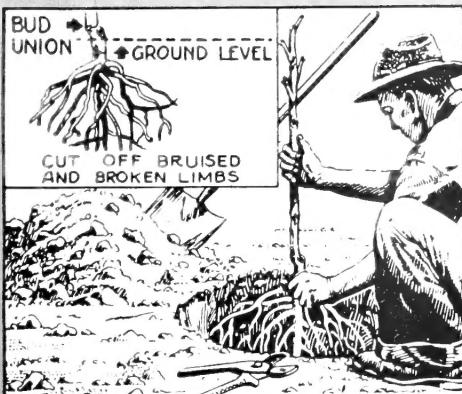
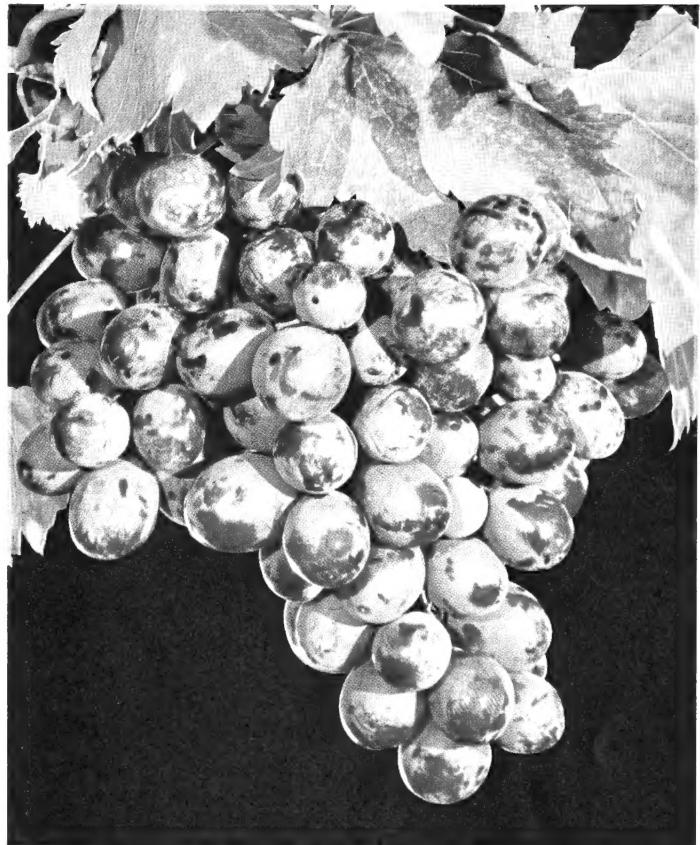


FIGURE 1



FIGURE 2



CONCORD GRAPE

HOW TO PLANT GRAPEVINES

PLANTING. Grapevines are supplied as one or two-year rooted cuttings. Cut back tops to two buds and trim off roots to two inches. This pruning is essential though it may sound severe. Work up soil (do not add fertilizer) and plunge spade at planting position. Insert stem so that only two inches of the top remains above ground. Firm soil around roots and stem and water.

TRAINING AND PRUNING. Provide support for canes or plant against wall or fence. Train strongest shoot straight up, permitting laterals to grow in horizontal position. Begin pruning after second growing season, cutting back spurs on laterals to three or four buds on American varieties and to two buds on California varieties.

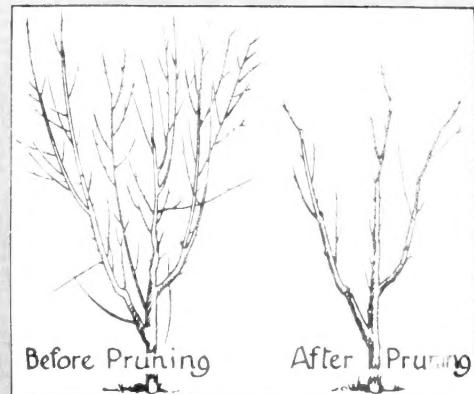


FIGURE 3

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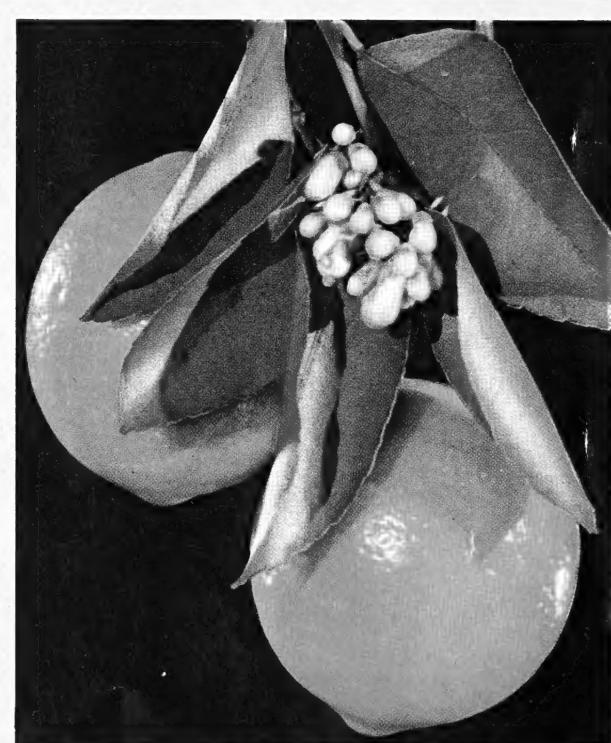


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Good roses and fruit trees have long been a specialty of the E. James Nursery, established 1905. The varieties described herein have been carefully chosen for East Bay climatic and soil conditions. If you are not already on our mailing list we welcome your request that your name be added. This publication is one of several guides to good gardening issued through the year for the benefit of our customers. Your suggestions for their improvement are always appreciated.

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